

MARCH 1996

IMPORT HEALTH REQUIREMENTS OF CANADA FOR  
PORCINE SEMEN EXPORTED FROM THE UNITED STATES

GENERAL CONDITIONS

1. No person shall import porcine semen into Canada unless he/she does so under and in accordance with a permit issued by the Minister to ensure:
  - i) that the semen has been collected, processed, and stored in an approved animal semen production center;
  - ii) that the semen has been derived from donor animals whose health status is such that the risk of spread of animal diseases is eliminated;
  - iii) that the semen has been collected, processed, stored, and transported in accordance with procedures which preserve its health status; and
  - iv) that the semen is accompanied to Canada by an export health certificate of an official veterinarian of the United States Department of Agriculture (USDA) in order to confirm that these obligations have been fulfilled.
2. The import permit referred to above shall remain in force for the period specified on the permit at the time of issuance.
3. Porcine semen being imported into Canada must be accompanied by an official export health certificate in English or French issued by a full-time salaried veterinarian of the USDA or an official export certificate issued by an approved (accredited) veterinarian and endorsed by an official salaried veterinarian of the USDA that clearly identifies:
  - i) The import permit number, the name of the exporting country, and the name of the issuing authority;
  - ii) the identification of the donor animal including:
    - a) the species and commodity;
    - b) the breed and registered name;
    - c) the registration number;
    - d) the collection date and the number of straws; and,
    - e) the identification/markings of the straws:
  - iii) the origin of the semen including:
    - a) the name of the exporter;
    - b) the full address of the exporter; and,
    - c) the name of the approved semen production center where the semen was collected, if different from b) above:
  - iv) the consignment description including:
    - a) the total number of straws;
    - b) the serial number of the shipping container; and,
    - c) the number/markings of the approved tamperproof seal on the shipping container:
  - v) the destination of the semen including the full name and address of the consignee.

**NOTE: The export health certificate to be used is included in these requirements.**

4. In the case of frozen semen, the semen must be processed and stored separately in the United States from semen not of equivalent health status from the time of collection to the time of export to Canada, the minimum period of which must not be less than thirty (30) days.
5. In the case of fresh or chilled semen, the semen must be processed and stored in the United States separately from semen not of equivalent status from the time of collection to the time of export to Canada.
6. The semen must have been collected in the United States and exported to Canada from the United States without having been exported to any other country.
7. The semen must enter Canada through an inspection port in a container bearing an unbroken seal of the government of the United States.
8. The semen must be stored within the sealed container in ampoules, straws, or other receptacles that are marked in a permanent manner with:
  - i) the date of collection of the semen;
  - ii) the registered name and number of the animal from which the semen was collected; and,
  - iii) the identity of the approved semen production center, when applicable.
9. No person shall remove porcine semen imported into Canada from an inspection port except:
  - i) in a container bearing an unbroken seal of the government of the United States; and,
  - ii) to an approved animal semen production center or other place approved by the Minister.
10. No person shall import animal semen into Canada that is contaminated by bacteria, virus, or any other micro-organism capable of introducing disease in animals.
11. Where the person importing the animal semen fails to comply with any of the above conditions or the semen is found not to be from the animal source described in the accompanying official export health certificate, an inspector may order the person having the possession, care or custody of the animal semen imported into Canada to destroy it, return it to the country of export or deal with it in such other manner as the inspector may specify.

Conditions for Approval of a Mini-Stud at an Approved Artificial Insemination Center in order to Qualify Semen for Export to Canada

DEFINITION: A mini-stud is a self-contained semen donor facility located on an approved semen production facility which is sited at least 100 yards distance from other livestock and is maintained for the purpose of producing semen for export to Canada.

PURPOSE: A mini-stud provides an alternative to those semen production centers whose resident population is not able to conform to the official health testing standards for semen donor animals applicable in Canada.

SEMEN PROCESSING: Semen collected in a mini-stud may be removed to a laboratory situated in the main semen production center facility for processing and freezing at a time when no semen from other animals is being processed, providing sanitary precautions are observed to prevent contamination of the semen by pathogenic microorganisms.

HEALTH STATUS OF MINI-STUD:

1. The standard health conditions for animals maintained at an approved animal semen production center are applicable to animals maintained in the mini-stud for purposes of certifying semen for export to Canada.

In the case of the porcine species, all of the resident animals maintained in the approved center or mini-stud must have been tested at intervals of not more than twelve months and proved negative for tuberculosis, brucellosis, leptospirosis (L. pomona and L. hardjo), and Aujeszky's disease.

2. For a porcine mini-stud established to satisfy the negative status requirements for Aujeszky's disease:
  - i) all animals entering the approved mini-stud must have proved negative to a serum neutralization test or ELISA test for Aujeszky's disease within the 30 (thirty) days preceding the date of entry; and
  - ii) the donor animal was subjected to a serum neutralization test or ELISA test with negative results performed at least 30 (thirty) days following collection of the semen destined to Canada.
3. Semen collected in an approved mini-stud for export to Canada must be stored in a separate storage tank.

Health Certificate # \_\_\_\_\_  
(Valid only if USDA Seal appears here)

ZOO SANITARY CERTIFICATE  
PORCINE SEMEN

Part A: IDENTIFICATION

1. Import permit number: \_\_\_\_\_
2. Species and Commodity: PORCINE SEMEN
3. Exporting Country: UNITED STATES OF AMERICA
4. Issuing Authority: UNITED STATES DEPARTMENT OF AGRICULTURE
5. Donor Identification:

| Registered<br>Name | Registration<br>Number | No. of<br>Breed Straws | Collection<br>Date | Straw<br>Ident |
|--------------------|------------------------|------------------------|--------------------|----------------|
|--------------------|------------------------|------------------------|--------------------|----------------|

6. Consignment Description:
  - a) Total number of straws: \_\_\_\_\_
  - b) Serial number of the shipping tank: \_\_\_\_\_
  - c) Number of official USDA seal on tank: \_\_\_\_\_
7. Origin of the Semen:
  - a) Name of exporter: \_\_\_\_\_
  - b) Address: \_\_\_\_\_  
\_\_\_\_\_
  - c) Name of approved semen production center where semen collected if different than above: \_\_\_\_\_  
\_\_\_\_\_
8. Destination of the Semen:
  - a) Name of Consignee: \_\_\_\_\_
  - b) Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Part B: HEALTH INFORMATION

The undersigned accredited veterinarian hereby certifies the following:

1.
  - i) The donor boar has been resident at an animal semen production center, which is under the supervision of a USDA accredited veterinarian, at the time of collection of the semen to be exported to Canada;
  - ii) the donor boar was tested with negative results for tuberculosis, brucellosis, leptospirosis (*L. pomona*, *L. hardjo* at 1:100), transmissible gastroenteritis and Aujeszky's disease prior to entering into a pre-entry isolation associated with the approved semen production center;
  - iii) following a minimum thirty (30) day period in the pre-entry isolation facility associated with the approved semen production center, the donor boar was tested a second time for the diseases prescribed above with negative results (with the exception of tuberculosis); and,
  - iv) all other animals resident in the pre-entry isolation facility at the same time as the donor boar of semen to be exported to Canada were confirmed negative for pre-entry tests before the commencement of collection of the semen to be exported;
2. The donor boar was examined by a USDA accredited veterinarian and found to be free from clinical evidence of infectious or contagious diseases at the time of the collection of the semen to be exported to Canada. Furthermore, there has been no evidence of communicable diseases to which swine are susceptible at the semen production center for the thirty (30) days preceding the collection of the semen destined to Canada.
3. All of the swine resident at the approved semen production center or mini-stud have been tested at intervals of not more than twelve (12) months and proved negative for tuberculosis, brucellosis, leptospirosis (serotypes *L. pomona* and *L. hardjo*), and Aujeszky's disease.
4. The donor boar was subjected to the following tests with negative results on the dates shown within six (6) months of collection of the semen for export to Canada:

Health Certificate # \_\_\_\_\_  
(Valid only if USDA Seal appears here)

| DISEASE                          | TEST   | DATE  |
|----------------------------------|--|-------|
| Tuberculosis                     | Intradermal skin test using bovine PPD   | _____ |
| Brucellosis                      | Serum agglutination test   | _____ |
| Leptospirosis                    | Microtiter agglutination test at 1:100<br>dilution for serotypes L. pomona and L. hardjo | _____ |
| Transmissible<br>gastroenteritis | Serum neutralization test at 1:8 dilution<br>OR ELISA test                               | _____ |
| Aujeszky's<br>disease            | Serum neutralization test at 1:8 dilution<br>OR ELISA test                               | _____ |

and there have been no subsequent positive test results reported on animals resident in the approved semen production center or mini-stud, with the exception of TGE.

5. During the residency period in the semen collection center preceding collection of semen through until the final collection of semen to be exported to Canada, the donor boar was not used for natural service.
6. The semen was placed in ampoules, straws, or other receptacles and marked in a permanent manner with the date of collection and the registered name and number of the donor boar and this information is recorded on the health certificate.
7. In the case of frozen semen, it was processed and stored for a period of not less than thirty (30) days under hygienic conditions separately from semen which is not of equivalent health status.
8. In the case of fresh or chilled semen, it was processed and stored under hygienic conditions and maintained separate from semen not intended for export to Canada from the time of collection to the time of export to Canada.
9. The semen to be exported was extended in a diluent to which antibiotics in generally accepted levels had been added and, to the knowledge of the certifying veterinarian, the semen is free from contamination by pathogenic microorganisms.
10. The semen to be exported was placed in a shipping container and sealed with a tamperproof, uniquely marked seal with the seal markings documented on the health certificate.
11. The semen has not been stored in inseminator containers or on farms between the time of collection and the time of shipment.

Health Certificate # \_\_\_\_\_  
(Valid only if USDA Seal appears here)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Type or Print - Name and Address  
of Issuing Accredited Veterinarian

\_\_\_\_\_  
Type or Print - Name of Endorsing  
Federal Veterinarian

\_\_\_\_\_  
Signature - Accredited  
Veterinarian

(\_\_\_\_\_)\_\_\_\_\_  
Date Endorsed and Signature -  
Endorsing Federal Veterinarian (Valid only  
if USDA Veterinary Seal Appears over the  
Signature of the Endorsing Federal  
Veterinarian)